

Aero Design Ltd.**Work Order Control Sheet**

Work Order#: 2015-27 Date Opened: 10 March 2015 Title: Fabrication
Aircraft OEM: Bell Aircraft Model: 205/212 Product Type: Cargo Basket Product Model: Mega Lid Quantity: 1

Work Order Contents

Work Order/Build Sheets (Procedures Provided)
Additional Work Sheets (Standard Practice)
Drawings (See List Below)
Parts Distribution Sheet
Sub Component Tags
Completed Certification (Original)
Time Sheet (R&D)
Engineering Order

Initial or N/A

N/A
N/A
JC
JC
N/A
N/A
N/A
N/A

Component Completion

Quantity Complete on This Work Order
Quantity Incomplete on This Work Order
Further Processing Required Before Release
Release to Stock as Components
Outside Processing Complete

As Instructed

1
N/A
N/A
N/A
N/A

Build Sheet Contents

Tasks Initialled
Dual Inspections Initialled

Initial or N/A

N/A
N/A

Certification

Form One Completed
Serviceable (Green) Tag Completed
In Process (Yellow) Tag Completed
Unserviceable (Red) Tag Completed
White Tracking Tag Completed
Parts Placed in Stores for Distribution

Initial or N/A

N/A
N/A
N/A
N/A
N/A
N/A

Drawing List

Drawing #	Rev #	Description	Initial or N/A
100613	0	Extended Lid Assembly	JC
100625	0	Extended End Hoop	JC
100626	0	Extended Hoop	JC
84263	0	Lid Handle Provisions	JC

Additional Documentation

Documentation of a minor change
Non-Conformance Report Required
Service Difficulty Report Required
Engineering Order

Initial or N/A

N/A
N/A
N/A
N/A

Billing

Local (Aero Design)
Research and Development
Third Party

Initial or N/A

JC
N/A
N/A

Traveller**Notes:**

No instructions available, build IAW drawings and normal practices.

Work performed by:

ICC / Dual Inspection performed by:

Work Order closed by:

Print: Jeff ClarkePrint: Jason RekvePrint: Jeff ClarkeSign: [Signature]Sign: [Signature]Sign: [Signature]SCA: AD02SCA: AD01SCA: AD02Date: 10-Mar-15Date: 15-Jun-15Date: 22-Jun-15

Approved Manufacturing Facility 73-04

Form 20.0/03

Rev. Original 23 Sep 2014

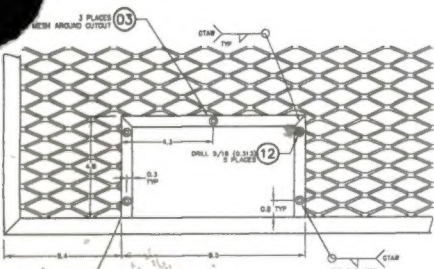
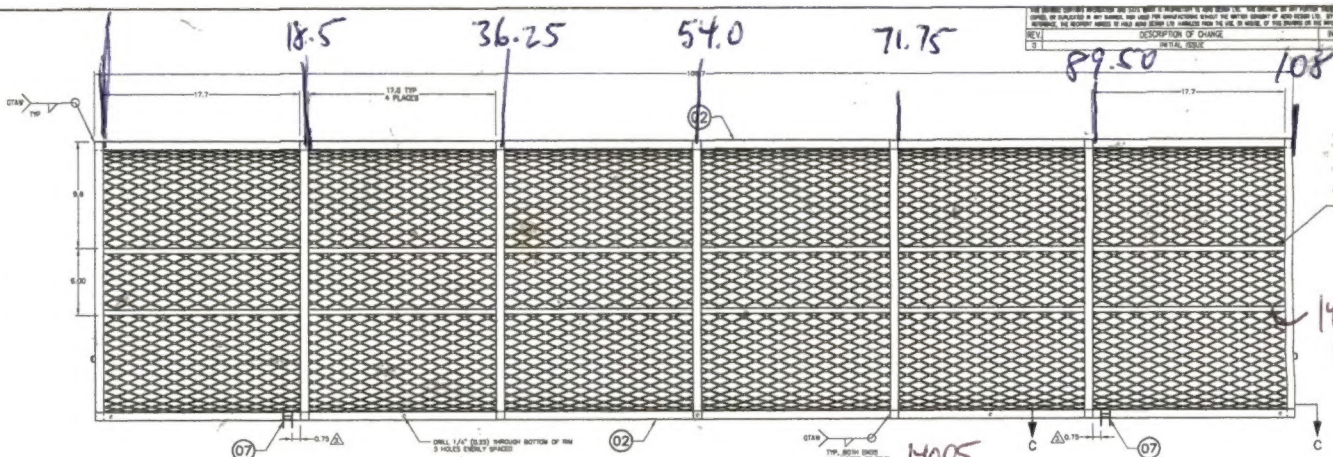
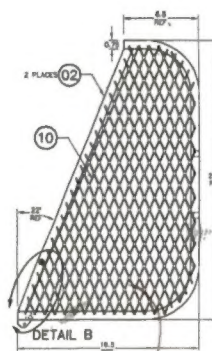


WO# 2015-27

Approved Manufacturing Facility 73-04 Form 20.F.06 Rev. Original 27 May 2013

108.75 overall

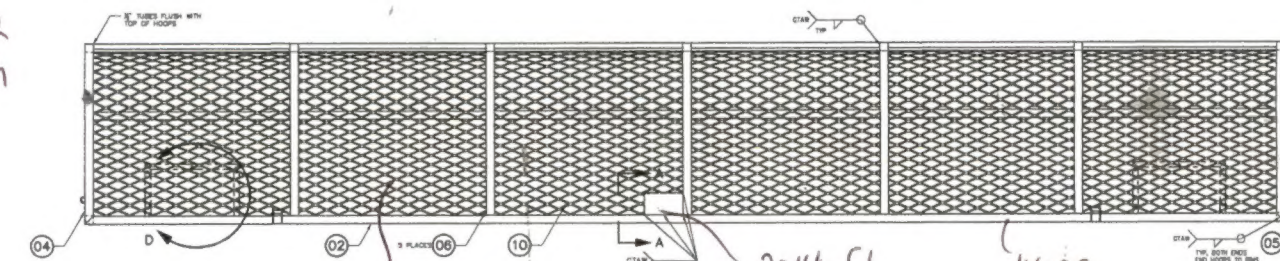
REV	DESCRIPTION OF CHANGE	INITIALS	DATE
1	INITIAL ISSUE		



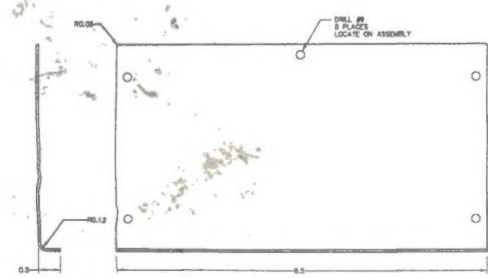
DETAIL D - STEP CUTOUT (ITEM 11)

SCALE 1:2
OPTIONAL, MAY BE INSTALLED ON EITHER OR BOTH ENDS
INSTALL AN3-3A BOLT AND RAD148F0362 WASHER IN BUSHINGS WHEN COVER IS NOT INSTALLED
INSTALL COVER (ITEM 13) WITH AN3-3A BOLTS AND RAD148F0362P WASHERS WHEN CUTOUT IS INSTALLED BUT NOT REQUIRED BY OPERATOR

- NOTES:
- REMOVE ALL BURRS AND BREAK SHARP EDGES.
 - WELDING OF 4130 STEEL TO BE COMPLETED BY BRAW METHOD TO AWS 98.60. 4130 AND 1018 STEEL WELDING ROD SHALL CONFORM TO D100-1 OR EQUIVALENT. STAINLESS AND 4130 STEEL WELDING ROD SHALL CONFORM TO D100-1 OR EQUIVALENT.
 - INSTALL ITEM 5 OLD HANDLE PROVISIONS ASSEMBLY IN ACCORDANCE WITH AERO DESIGN LTD. DRAWING 84283, LOCATED AS SHOWN.
 - DRILL 6/32 (D129) HOLES IN LONG TUBE MEMBERS AT HOOP LOCATIONS TO VENT WELD GASKETS WHEN ASSEMBLY IS COMPLETE. FILL ALL EXPOSED VENT HOLES WITH NOMETEC WELD.
 - FINISH: THOROUGHLY CLEAN AND POWDER COAT LID ASSEMBLY. THOROUGHLY DEGREASE, ALODINE, EPOXY PRIME AND POLYURETHANE PAINT COVER PLATE (ITEM 13). ALTERNATE: THOROUGHLY DEGREASE AND POWDER COAT COVER PLATE (ITEM 13).



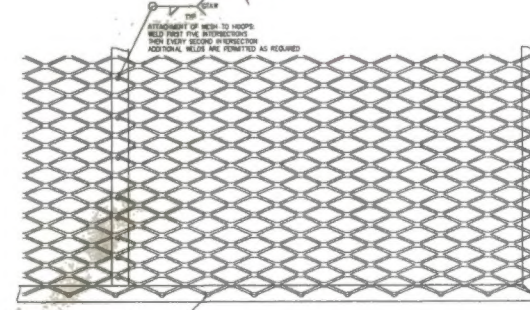
(01) LID ASSEMBLY



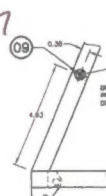
(13) COVER PLATE
SCALE 1:1



(12) THREADED BUSHING
SCALE 1:1



SECTION C-C
SCALE 1:2
LOOKING AT INSIDE OF LID



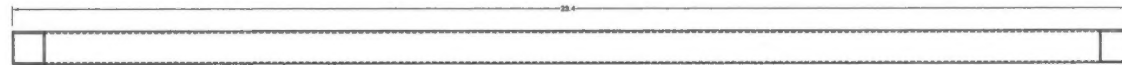
DETAIL B
SCALE 1:2
TYPICAL BOTH ENDS



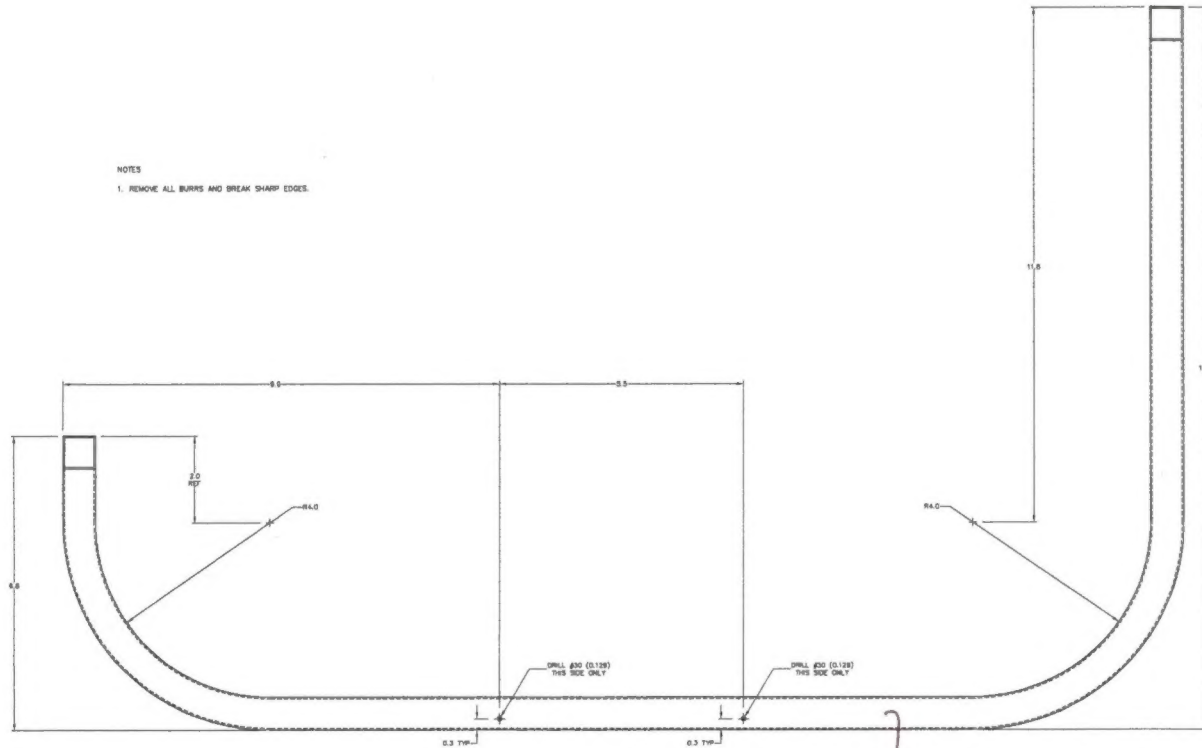
SECTION A-A
SCALE 1:2

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK NO.
1	100813-01	1	WASHER	ALUMINUM	6061-T6	00000000
1	100813-02	2	COVER PLATE	ALUMINUM	6061-T6	00000000
1	100813-03	3	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-04	4	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-05	5	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-06	6	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-07	7	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-08	8	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-09	9	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-10	10	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-11	11	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-12	12	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-13	13	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-14	14	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-15	15	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-16	16	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-17	17	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-18	18	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-19	19	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-20	20	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-21	21	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-22	22	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-23	23	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-24	24	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-25	25	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-26	26	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-27	27	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-28	28	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-29	29	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-30	30	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-31	31	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-32	32	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-33	33	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-34	34	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
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1	100813-36	36	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-37	37	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-38	38	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-39	39	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-40	40	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-41	41	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-42	42	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-43	43	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-44	44	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-45	45	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-46	46	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-47	47	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
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1	100813-50	50	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-51	51	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
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1	100813-58	58	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-59	59	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-60	60	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-61	61	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-62	62	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-63	63	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-64	64	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-65	65	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-66	66	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
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1	100813-70	70	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-71	71	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-72	72	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
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1	100813-75	75	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-76	76	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-77	77	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-78	78	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-79	79	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-80	80	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-81	81	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-82	82	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-83	83	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-84	84	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-85	85	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-86	86	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-87	87	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-88	88	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-89	89	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-90	90	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-91	91	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-92	92	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-93	93	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-94	94	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-95	95	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-96	96	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-97	97	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-98	98	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-99	99	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000
1	100813-100	100	1/4-20 X 1/2 IN. LONG BUSHING	STAINLESS	304	00000000

AERO DESIGN LTD.
BELL 205, 212, 214, 412 SERIES
QUICK RELEASE MEDIA CARGO BASKET
EXTENDED LID ASSEMBLY
SCALE 1:4
SHEET 1 OF 1
A1 100813 0




NOTES
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.



01 LH EXTENDED LID END HOOP
02 RH EXTENDED LID END HOOP
LH SHOWN, RH OPPOSITE

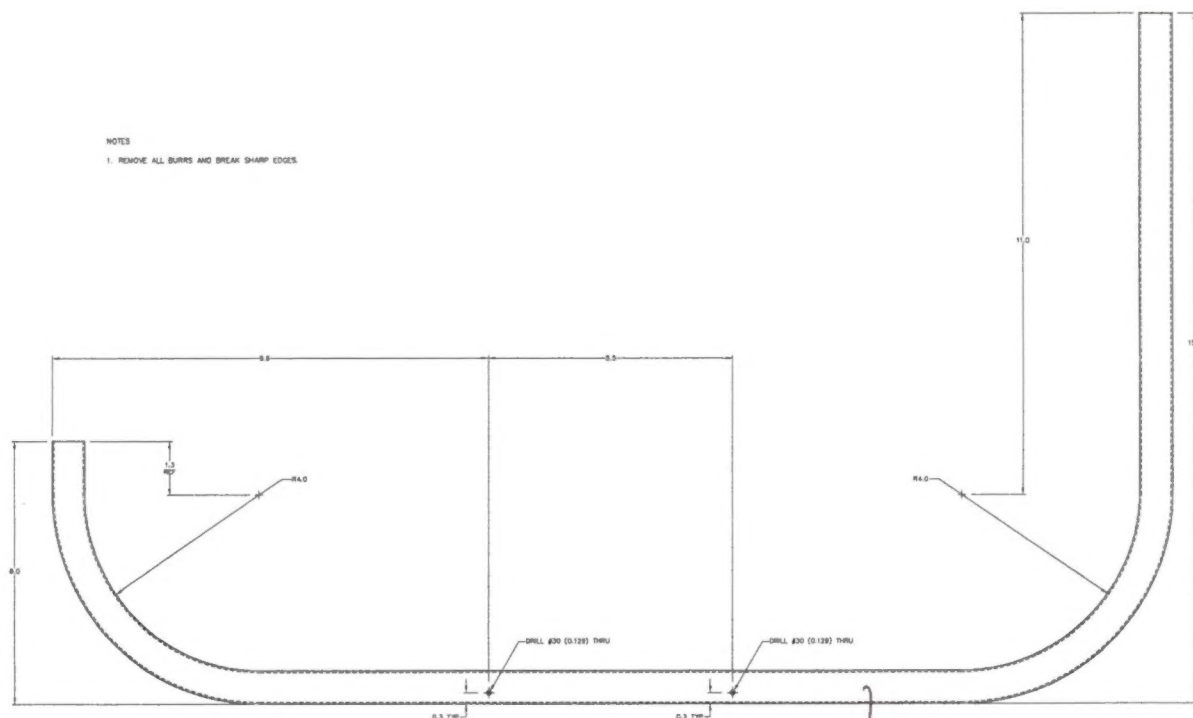
14099

100625-01		LH EXTENDED LID END HOOP		4130 STEEL CORN. N	1/4" - 1/4" X 1/4" X 1/4"	0.15 X 0.055 500 1000
100625-02		RH EXTENDED LID END HOOP		4130 STEEL CORN. N	1/4" - 1/4" X 1/4" X 1/4"	0.15 X 0.055 500 1000
02 01	PART NO.	ITEM	DESCRIPTION	MATERIAL	SPEC	STOCK SIZE
QTY	QTY	LIST OF MATERIALS				
APPROVALS			DATE	 AERO DESIGN LTD. 8888A KALAMAZOO ROAD FORT LEE, NJ 07024 TEL: 908.488.8888		
DESIGNED BY			DATE			
CHECKED BY			DATE			
UNLESS OTHERWISE SPECIFIED			DATE			
DIMENSIONS ARE IN INCHES			DATE			
TOLERANCES ARE:			DATE			
DECIMALS			DATE			
X.XXX ±0.010			DATE			
X.X ±0.005			DATE			
X.X ±0.1			DATE			
ANGLES			DATE			
±1/2°			DATE			
SCALE 1:1			DATE			
SHEET 1 OF 1			DATE			
A0			DATE			
100625			DATE			
0			DATE			

REVISIONS			
REV	DESCRIPTION OF CHANGE	INITIALS	DATE
1			



NOTES
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.



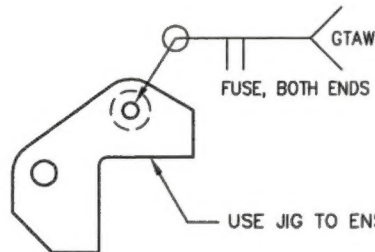
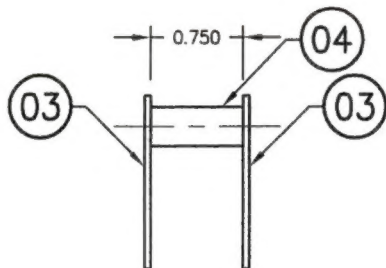
01 EXTENDED LID HOOP

14099

DRAWN: 01		EXTENDED LID HOOP		4130 STEEL COMB. H	4130-C-0338	0.75 X 0.035 TON TUBE
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK REQ
LIST OF MATERIALS						
APPROVALS		DATE		 AERO DESIGN LTD. 8888 KALAMATA ROAD PORTER, BRIT. COLUMBIA, V6A 0C8 TEL: 604.481.8179 www.aerodesign.ca		
DESIGNED BY: KEVIN CLARKE		27 NOV 2014				
CHECKED BY: JASON REIVE		27 NOV 2014				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS: .0005 FRACTIONS: 1/16 HOLE: ±0.010 KEY: ±0.003 KEY: ±0.01						
SCALE: 1:1		SHEET NO.		SHEET 1 OF 1		
A0		100626		0		

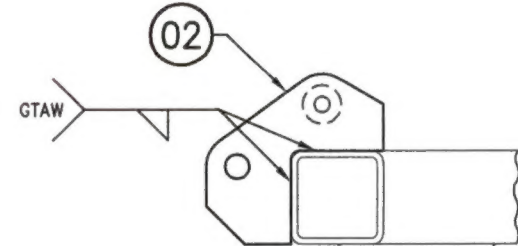
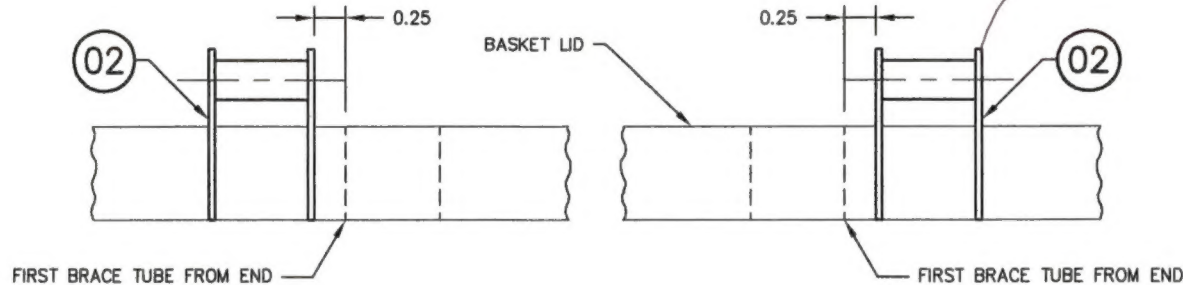
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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 84262 REV. 1	BJC	14/02/2014



USE JIG TO ENSURE BRACKETS ARE ALIGNED

02 HANDLE BRACKET ASSEMBLY



01 LID HANDLE PROVISIONS ASSEMBLY

NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.
2. WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ROD CONFORMING TO ER308L OR EQUIVALENT.

1		36275-02	04	SUPPORT
2		36273-01	03	LID BRACKET
	2	84263-02	02	HANDLE BRACKET ASSEMBLY
		84263-01	01	LID HANDLE PROVISIONS ASSY
02	01	PART NO.	ITEM	DESCRIPTION
QTY	QTY	LIST OF MATERIALS		

APPROVALS	DATE
DRAWN: JEFF CLARKE	14 FEB 2014
CHECKED: JASON REKVE	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
DECIMALS ANGLES
X.XXX ±0.010 ±1/2°
X.XX ±0.03
X.X ±0.1



AERO DESIGN LTD.

9888A MALASPINA ROAD
POWELL RIVER, BC, CANADA, V8A 0G3
TEL: 804.488.2376 www.aerodesign.ca

HELICOPTER CARGO BASKET
LID HANDLE PROVISIONS ASSEMBLY

SCALE	DWG. SIZE	DWG. NO.	REV.
SCALE 1 : 1	A3	84263	0
SHEET 1 OF 1			



WO# 2015-27

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013